





How to change track rod end on Audi A4 B5 Avant – replacement guide

 VIDEO TUTORIAL

Important!

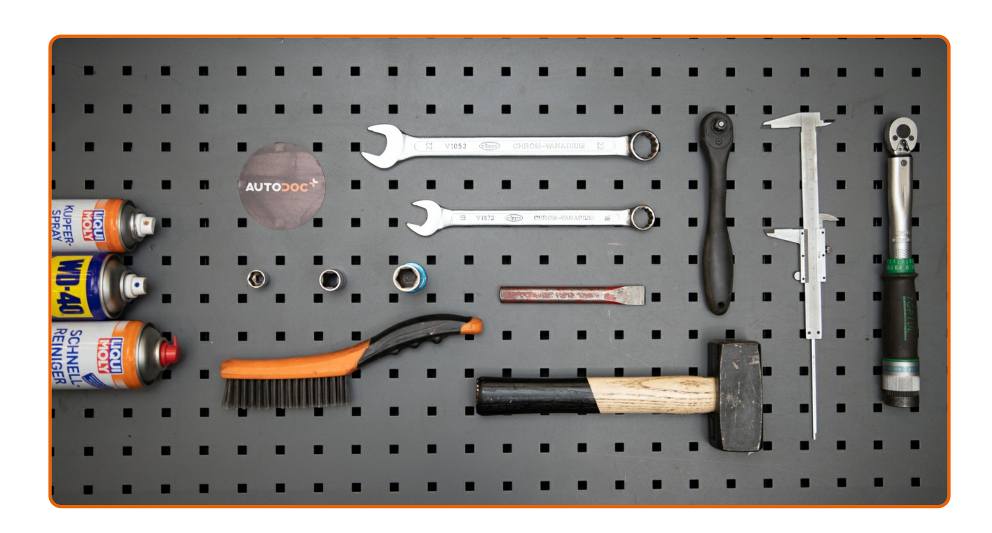
This replacement procedure can be used for:
AUDI A4 B5 (8D2) 1.8 T, AUDI A4 B5 (8D2) 1.8 T quattro, AUDI A4 B5 Avant (8D5) 1.8 T, AUDI A4 B5 Avant (8D5) 1.8 T quattro, AUDI A6 C5 (4B2) 1.8 T, AUDI A6 C5 (4B2) 1.8 T quattro, AUDI A6 C5 Avant (4B5) 1.8 T, AUDI A6 C5 Avant (4B5) 1.8 T quattro

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The steps may slightly vary depending on the car design.



REPLACEMENT: TRACK ROD END – AUDI A4 B5 AVANT. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Combination spanner #22
- Drive socket # 13
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Hammer
- Flat chisel
- Wheel chock

Replacement: track rod end – Audi A4 B5 Avant. AUTODOC experts recommend:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- Please note: all work on the car – Audi A4 B5 Avant – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the front of the car and secure on supports.

4



Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Audi A4 B5 Avant

5



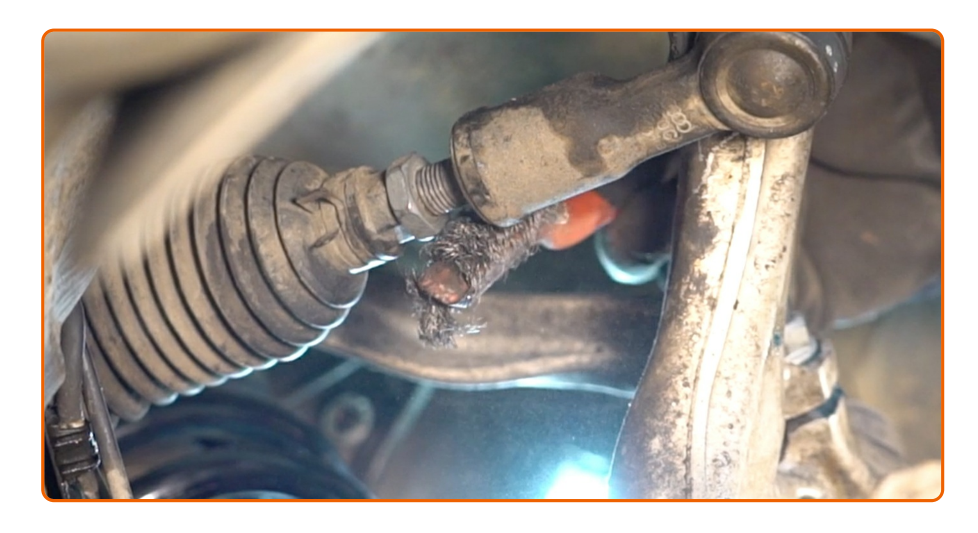
Remove the wheel.

6



When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.

7



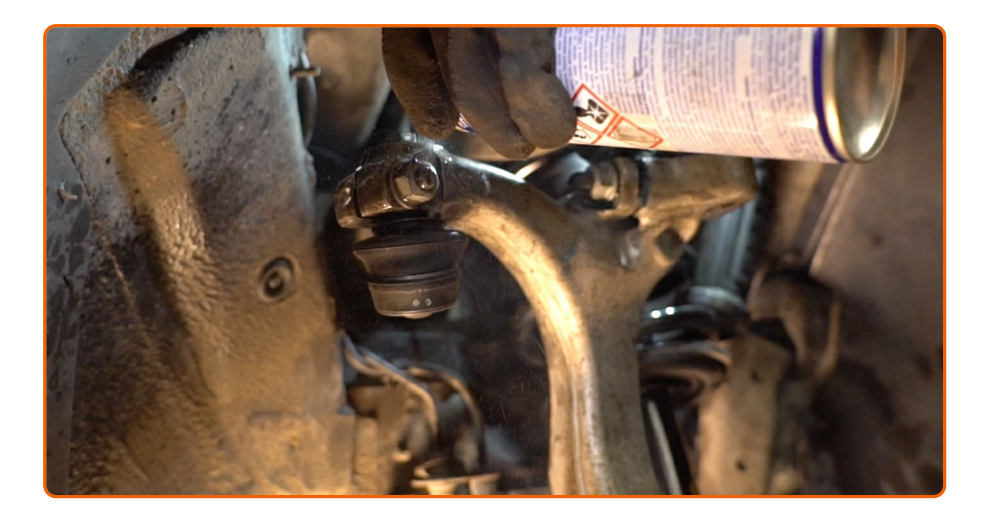
Clean the lock nut that connects the tie rod to the tie rod end. Use a wire brush. Use WD-40 spray.

8



Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #18. Use a combination spanner #22.

9



Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.

10



Unscrew the end fastening nut to the steering knuckle. Use a drive socket #13. Use a drive socket #16. Use a ratchet wrench.

11



Remove the fastening bolt.

12



Disconnect the tie rod end from the steering knuckle. Use a flat metal-working chisel. Use a hammer.

13



Screw the end out of the tie rod.

14



Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.

15



Screw on a new tie rod end.

Replacement: track rod end – Audi A4 B5 Avant. Professionals recommend:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

16

Connect the tie rod end to the steering knuckle. Use a rubber mallet.

17



Install the fastening bolt.

18



Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #13. Use a torque wrench. Tighten it to 25 nm torque.

19



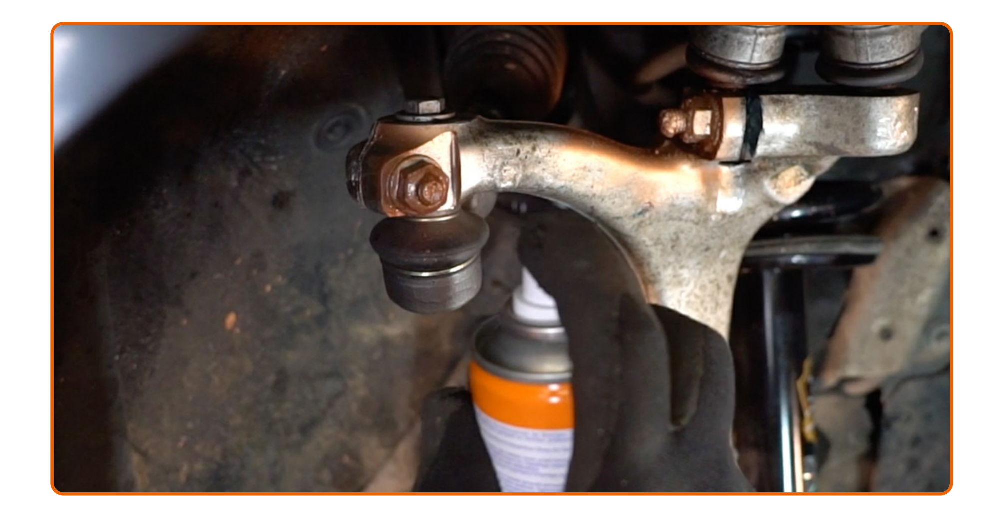
Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #16. Use a torque wrench. Tighten it to 65 nm torque.

20



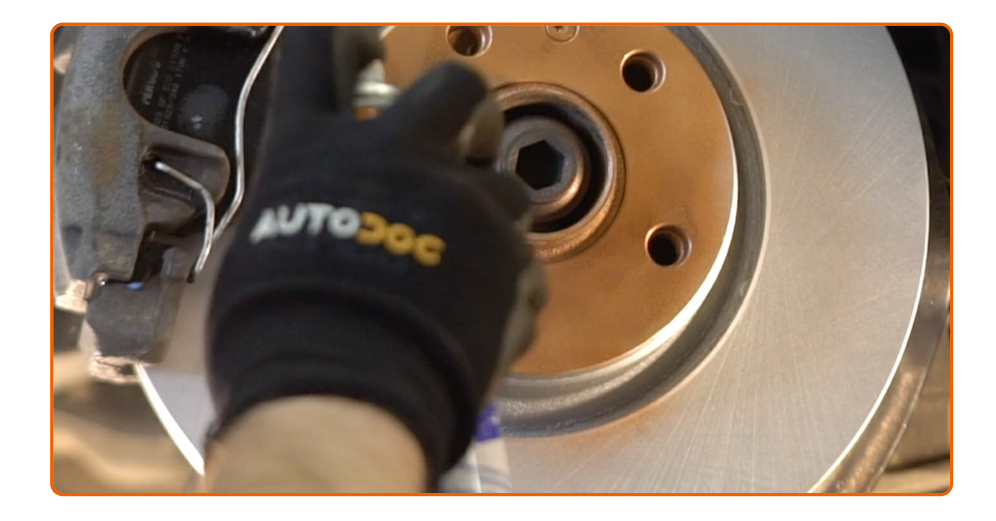
Tighten the tie rod end locknut. Use a combination spanner #18. Use a combination spanner #22. Use a torque wrench. Tighten it to 70 nm torque.

21



Treat all tie rod end connections. Use copper grease.

22



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

23



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: track rod end – Audi A4 B5 Avant. After applying the spray, wait a few minutes.

24



Install the wheel.

Replacement: track rod end – Audi A4 B5 Avant. AUTODOC experts recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

25



Screw in the wheel bolts. Use wheel impact socket #17.

26



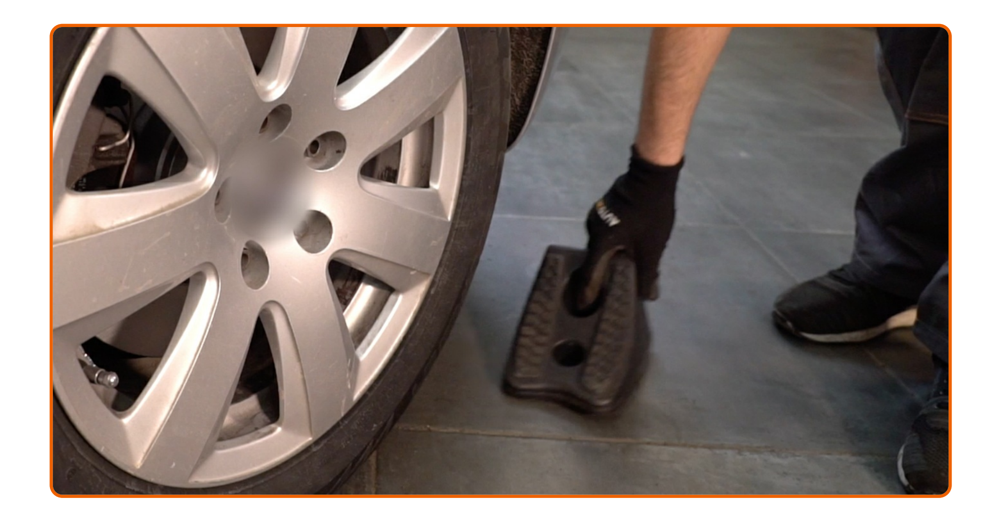
Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



Replacement: track rod end – Audi A4 B5 Avant. Tip:

- Check and adjust wheel alignment if necessary.

27



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

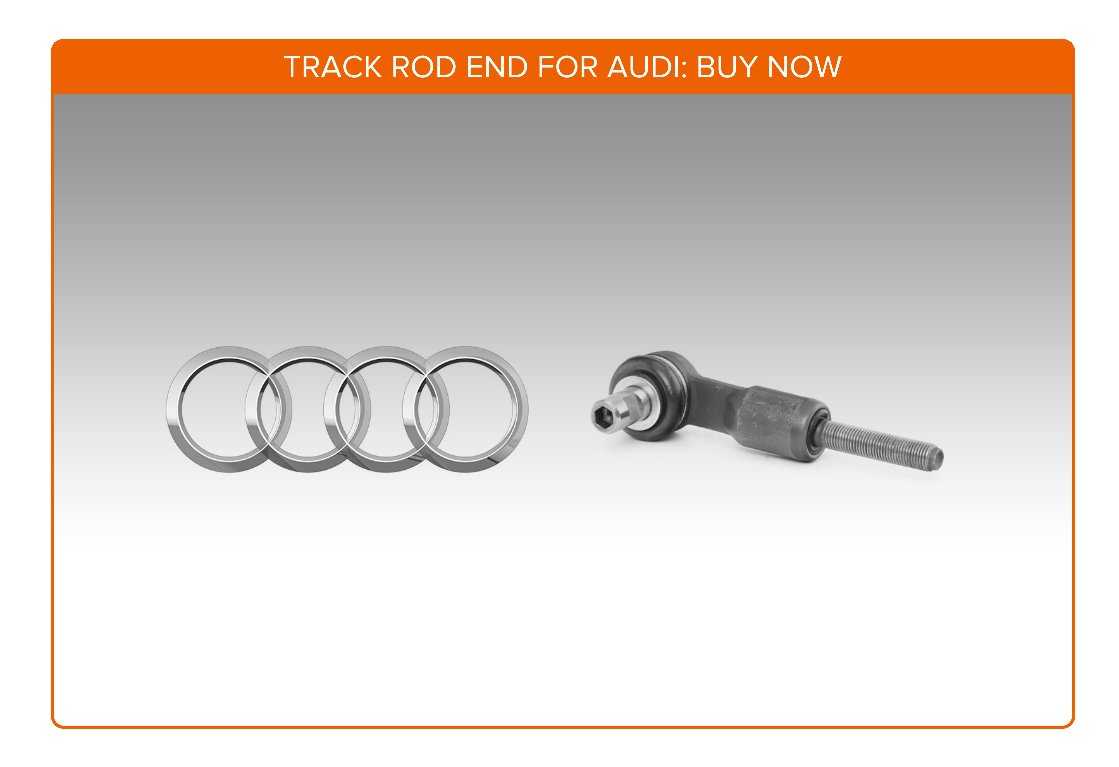


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